

**Amendments to Claims:**

The following complete listing of claims replaces all previous claims in the application.

1. (Previously presented) A composition for enhanced mental function, wherein the composition comprises:
  - a. vitamin B12 on ion exchange resin;
  - b. phosphatidyl serine (PS);
  - c. dimethyl-aminoethanol (DMAE);
  - d. docosahexaenoic acid (DHA);
  - e. L-pyroglutamic acid; and
  - f. herbal extracts from Bacopa monniera.
2. (Previously presented) The composition of claim 1 further comprising at least one antioxidant complex selected from the group consisting of Vitamin A, Vitamin E, Vitamin C and proanthocyanidin.
3. (Previously presented) The composition of claim 2 wherein the antioxidant is proanthocyanidin that is derived from the grape or the seed of *Vitis vinifera*.
4. (Previously presented) The composition of claim 1 further comprising at least one mineral complex selected from the group consisting of calcium, copper, iron, iodine, lithium, magnesium, manganese, potassium, vanadium and zinc.
5. (Previously presented) The composition of claim 4 wherein the mineral complex comprises magnesium, calcium, zinc and iron.
6. (Previously presented) The composition of claim 5 wherein the magnesium, calcium, zinc and iron are present as Krebs Cycle Intermediates.
7. (Previously presented) The composition of claim 1 wherein the composition

further comprises at least one B-complex Vitamin selected from the group consisting of Vitamin B1, Vitamin B2, Vitamin B3, Vitamin B5 and Vitamin B6.

8. (Previously presented) The composition of claim 1 further comprising an herbal extract wherein the herb is selected from the group consisting of *Vinca Minor*, *Huperzia serrata* and *Vaccinium myrtillus*.

Claims 9-14 (Cancelled).

15. (New) A composition for enhanced mental function, wherein the composition comprises:
  - a. about 15 mcg to 30 mcg of vitamin B12 wherein the vitamin B12 is on ion exchange resin;
  - b. about 30 mg to 100 mg of phosphatidyl serine (PS);
  - c. about 200 mg to 300 mg of dimethyl-aminoethanol (DMAE);
  - d. about 30 mg to 60 mg of docosahexaenoic acid (DHA);
  - e. about 40 mg to 100 mg of L-pyroglutamic acid; and
  - f. about 40 mg to 80 mg of herbal extracts from *Bacopa monniera*.
16. (New) The composition of claim 15 further comprising at least one antioxidant complex selected from the group consisting of Vitamin A, Vitamin E, Vitamin C and proanthocyanidin.
17. (New) The composition of claim 16 wherein the antioxidant is proanthocyanidin that is derived from the grape or the seed of *Vitis vinifera*.
18. (New) The composition of claim 15 further comprising at least one mineral complex selected from the group consisting of calcium, copper, iron, iodine, lithium, magnesium, manganese, potassium, vanadium and zinc.

19. (New) The composition of claim 18 wherein the mineral complex comprises magnesium, calcium, zinc and iron.
20. (New) The composition of claim 19 wherein the magnesium, calcium, zinc and iron are present as Krebs Cycle Intermediates.
21. (New) The composition of claim 15 wherein the composition further comprises at least one B-complex Vitamin selected from the group consisting of Vitamin B1, Vitamin B2, Vitamin B3, Vitamin B5 and Vitamin B6.
22. (New) The composition of claim 15 further comprising an herbal extract wherein the herb is selected from the group consisting of *Vinca Minor*, *Huperzia serrata* and *Vaccinium myrtillus*.